

ViewSonic®

PF77 Monitor

Professional Series



17" (16.0" viewable) OptiSync Monitor

ViewSonic does it again with the introduction of the PF77 monitor. Designed with the highly innovative OptiSync technology, the ViewSonic PF77 17" (16.0 viewable) monitor incorporates both analog and digital inputs to provide you the ultimate compatibility with the latest digital computer technology. This will drastically optimize your investment in this state-of-the-art ViewSonic CRT display. The PF77 is capable of delivering resolutions up to 1600 x 1200 and also features PerfectFlat screen for edge-to-edge distortion-free images with minimal eye fatigue. Its super fine aperture grille design displays astonishing vivid colors. For those who demand uncompromising screen images, the OptiSync PF77 takes your visual computing experience beyond digital.



- **OptiSync™ technology**

OptiSync is a revolutionary new multiple input "sync" technology that features precise display synchronization to any analog or digital computer signal. ViewSonic's OptiSync technology provides exceptional picture quality for today and for tomorrow's most advanced digital requirements.

- **0.25mm aperture grille**

- **1,600 x 1,200 maximum resolution**

With **analog** input, displays a maximum resolution of 1,600 x 1,200.

1,600 x 1,200 @	77Hz
1,280 x 1,024 @	89Hz
1,152 x 870 @	104Hz
1,024 x 768 @	118Hz

With **digital** input, displays a maximum resolution of 1,280 x 1,024 at 85Hz flicker-free refresh rate for sharp images.

- **PerfectFlat® screen**

Absolute flat screen provides realistically proportioned, precise images with reductions of ambient light reflections, image distortion and eye fatigue.

- **OnView® controls including ViewMatch®**

All screen adjustments, including input selection from either analog or digital signal, are made via an on-screen menu using simple controls. ViewMatch allows the users to adjust color temperature and individual color intensity for screen-to-print matching.

- **Digital (DVI) and analog dual inputs**

Two systems, including one analog and one digital, can be connected at the same time and selected via OnView controls.



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- **ARAG screen treatment**

This specially formulated anti-reflection, anti-glare screen treatment uses a multi-layer process to refract unwanted light away from the user while maintaining the highest quality of the displayed image.

- **TCO '99 and Energy 2000 certified**

This monitor complies with the world's strictest standards of low radiation, safety, ergonomics, recycling and power management while saving costs through automatic power saving modes.



- **Plug & Play+**

- **PC and Mac compatible**

- **Three year limited warranty**



ViewSonic Corporation's QMS/EMS has been registered to ISO 9001 & ISO 14001 by the British Standards Institution.

17" (16.0" VIEWABLE) OPTISYNC™ COLOR MONITOR WITH ANALOG & DIGITAL INPUTS

CRT	Type	17" (16.0" diagonal viewable area) 90° deflection 0.25mm aperture grille pitch RGB medium-short persistence
	Phosphor	Tint (TM=41.5%), ARAG® screen treatment
	Glass Surface	
ANALOG INPUT SIGNAL	Video	RGB analog (0.7Vp-p, 75 ohms)
	Sync	H/V separate (TTL), composite, sync-on-green
	Frequency	F _H :30-97kHz, F _V :50-180Hz
DIGITAL INPUT SIGNAL COMPATIBILITY	Format	Conforms to Digital Visual Interface (DVI) specifications
	PC	PC compatible (from VGA up to 1,600 x 1,200)
	Mac®**	Power Mac™ (from 640 x 480 to 1,600 x 1200)
CONNECTOR	Other	Most workstations**
	Analog Signal	15-pin mini D-sub (detached)
	Digital Signal	24-pin DVI-V (detached)
POWER	Power	3-pin plug (IEC320)
	Voltage	AC 90-260VAC, 50-60 (+/-2)Hz (auto switch)
	Consumption	130W (typ)
USER CONTROLS	Basic	Power, on/off, 1, up, down, 2
	OnView®	Contrast, brightness, H/V-position, H/V-size, pincushion, trapezoid, pin-balance, parallelogram, hooking, rotation, degauss, H/V convergence, V linearity center, V linearity symmetry, moiré, ViewMatch® color, ViewMeter®, focus, purity, OSD position, language, input select, zoom, data recall
VIDEO INPUT	Bandwidth	200MHz (typ)
MISCONVERGENCE		0.25mm (max at center)
		0.35mm (max at corner)
DISPLAY AREA	Factory Setting	300mm (H) x 225mm (V) (Dependent upon signal timing used)
	Maximum Scan	325mm (H) x 243mm (V)
OPERATING CONDITION	Temperature	32°F to 104°F (0°C to 40°C)
	Humidity	5% to 95% (no-condensation)
DIMENSIONS	Physical	417mm (W) x 434mm (H) x 439mm (D) (16.4" x 17.1" x 17.3")
WEIGHT	Net	20.0Kg (44.0 lbs.)
OTHER		DDC1, DDC2B, GTF
REGULATIONS		UL, CSA, FCC-B, DHHS, DOC-B, Energy Star®, MPR-II, TCO '99, VCCI, CE, C-TICK, NEMKO, DEMKO, PCT, SEMKO, FEMKO, SASO, NOM, TUV/GS, IRAM, CB, ISO 9241-3, S-MARK, B-MARK
POWER MANAGEMENT		Meets Energy Star®, VESA® DPMS™, TCO '99 and Energy 2000 standards
WARRANTY		Three year limited warranty on CRT, parts and labor.
		48 hour Express Exchange® service option available



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*Requires Mac cable adapter (analog signal only). **Requires optional adapter (analog signal only). Copyright © 2000, ViewSonic Corporation. All rights reserved. Corporate names and trademarks stated herein are the property of their respective companies. Specifications subject to change without notice. The EPA only promotes energy efficiency and does not endorse any particular company or product.
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